CWb1000

# 802.11b Wireless CompactFlash Card

**The 802.11b Wireless CompactFlash Card** is the perfect solution for your wireless network applications and based on the IEEE 802.11b standard offering a data rate of 11Mbps in a wireless LAN environment. It is a high-speed wireless network card that connect directly to your PDA—just plug it in and you're ready to share data, printers, or high speed Internet access over your existing wireless network. User-friendly software makes it simple to set up.

## FEATURES

- Complies with IEEE 802.11b standard for 2.4GHz Wireless LAN.
- Complies with Compact Flash TypeI Standard.
- Plug-and-Play Operation Provides Easy Setup.
- Works with all existing network infrastructure.
- Compatible with specific wireless products and services.
- Capable of up to 128-Bit WEP Encryption.
- Freedom to roam while staying connected.
- 11 Mbps High-Speed Transfer Rate.
- Rich diagnostic LED indicators with Integrated Antenna.
- Lower power consumption and power save mode.
- Easy to install and configure.

## SPECIFICATIONS

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|---|---|
| Standard | IEEE 802.11b, Wi-Fi compliant |
| Host Interface | CompactFlash TypeI |
| Antenna | Internal Chip Antenna |
| LED Indicators | LINK:Orange<br>ACT:Green |
| Frequency Range | 2.412GHz-2.4835GHz |
| Number of Selectable Channels | USA, Canada: 11 channels<br>Europe: 13 channels<br>Japan :14 channels |
| Data rate | 1/2/5.5/11 Mbps |
| Modulation Technique | Direct Sequence Spread Spectrum(CCK, DQPSK, DBPSK) |
| Security | 0/64/128 bit WEP |
| Bit Error rate | Better than $10^{-5}$ |
| Media Access Protocol | CSMA/CA(Collision Avoidance) with ACK |
| Power Requirement | Operating Voltage: 5V or 3.3V<br>TX consumption : 300mA (Max)<br>RX consumption: 200mA (Max)<br>Sleep Mode: 50mA |
| Physical Specifications | Weight: 15 g<br>Dimension :68.77 (L) x 42.8(W) x6.4 (H) mm |
| Environment Specifications | Operating Temperature: 0~65℃ ambient temperature<br>Storage Temperature: -20~75℃ ambient temperature<br>Operating humidity: 95% maximum (non-condensing)<br>Storage humidity: 95% maximum (non-condensing) |
| Supported OS<br>(For Notebook PC)<br>(For Handheld/Pocket PC) | <br>Windows 95 OSR2/98/ME/2000/XP/NT<br>Windows CE |
| EMC Certification | FCC Part 15 in US<br>EN300328 and EN300826 (EN301489-17) in Europe |